# ABSTRACT

## ACCESSING A ERP APPLICATION OVER THE INTERNET
## USING STRONGLY TYPED DECLARATIVE LANGUAGE FILES

The present invention provides a method and apparatus for executing ERP application requests in a computer-implemented ERP data processing system via a network, using the steps of:

(a) transmitting a HyperText Markup Language (HTML) input form to a browser executed by a client computer in the network for display on a monitor attached thereto;

(b) receiving a HyperText Transfer Protocol (HTTP) request from the browser to access the ERP System, wherein the request optionally includes data entered by the user into an HTML input form;

(c) transferring any data entered by the user into the HTML input form and any data stored in the requested HTML page into the ERP application API

(d) transferring control to the ERP application for execution;

(e) receiving output data from the ERP application in response to the transmitted data and request;

(f) merging the output data from the ERP application into a strongly typed Java object;

(g) transforming the strongly typed Java objects into a transmittable format, such as XML or HTML, and

(h) transmitting the HTML or XML object to the browser for display on the monitor attached to the client computer.